

	Document I	K Sou	Issue-De	Page	
1	US 6541116	USP	20030401	18	S
2	US 6540777	USP	20030401	19	L
3	US 6540773	USP	20030401	21	L
4	US 6540722	USP	20030401	44	B
5	US 2003006	US	20030327	19	P
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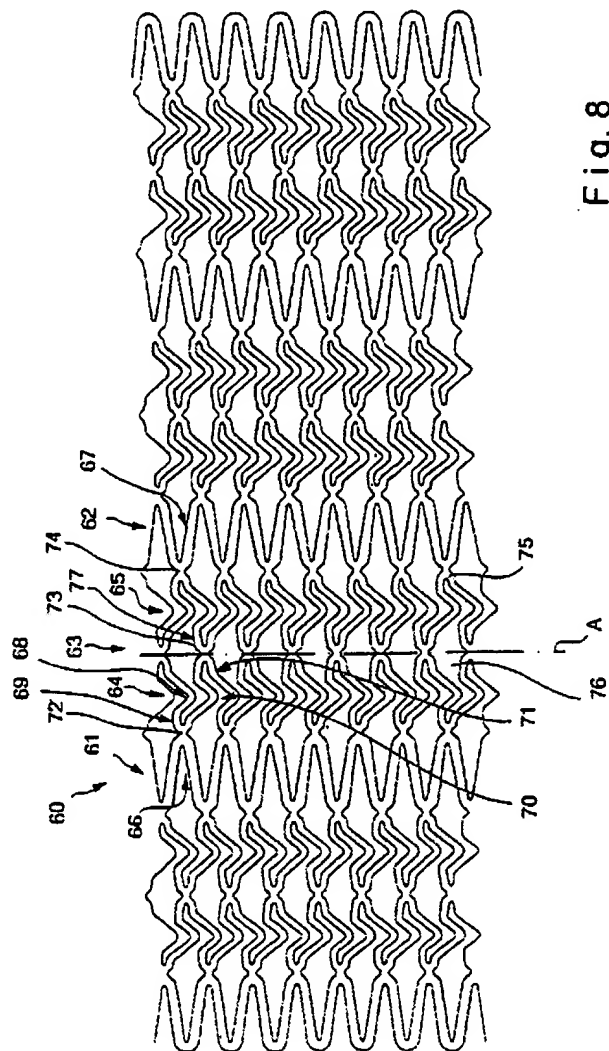


Fig. 8

Search of 04/01/03

	Document	Issue	Page	
1	US 6541116	USP 20030401	18	S
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3	US 6540773	USP 20030401	21	L
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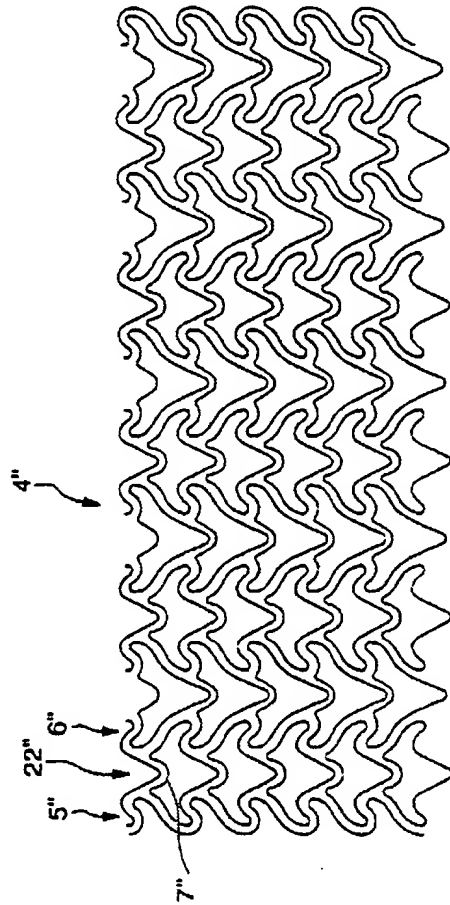


Fig. 5

	Document I	K Sou	Issue De	Page	
1	US 6541116	USP	20030401	18	S
2	US 6540777	USP	20030401	19	L
3	US 6540773	USP	20030401	21	L
4	US 6540722	USP	20030401	44	E
5	US 2003006	US	20030327	19	P
6	US 2003006	US	20030327	22	D
7	US 6537310	USP	20030325	17	E
8	US 6537293	USP	20030325	8	M
9	US 2003005	US	20030320	14	N
10	US 2003005	US	20030320	20	E
11	US 6533811	USP	20030318	13	I
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	US 6533809	USP	20030318	17	S
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20	US 2003004	US	20030306	11	S
21	US 2003004	US	20030227	28	S
22	US 2003004	US	20030227	19	M
23	US 2003004	US	20030227	24	F
24	US 2003004	US	20030227	18	R
25	US 6524337	USP	20030225	6	I
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35	US 6517573	USP	20030211	10	H
36	US 6517572	USP	20030211	39	E
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38	US 6517570	USP	20030211	22	E
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41	US 2003002	US	20030206	15	C

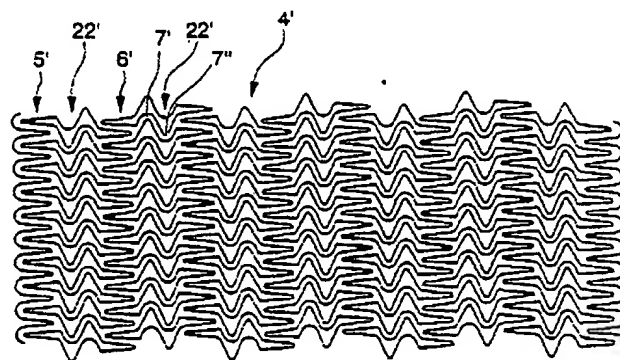


Fig. 3

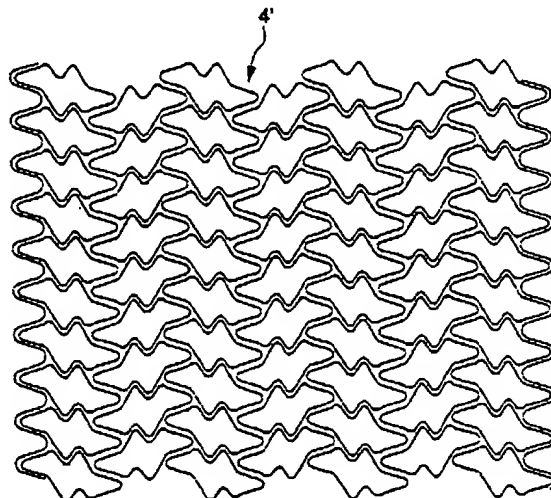


Fig. 4

	Document I	K	Source	Date	Page	
47.	US 6514063	USP	20030204	13	T	
48	US 2003002	US	20030130	16	E	
49	US 2003002	US	20030130	16	R	
50	US 6511505	USP	20030128	16	V	
51	US 2003001	US	20030123	16	E	
52	US 6508835	USP	20030121	37	E	
53	US 6508834	USP	20030121	10	A	
54	US 6508826	USP	20030121	11	C	
55	US 6508825	USP	20030121	48	A	
56	US 2003001	US	20030116	21	B	
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86	US 2002018	US	20021205	17	C	
	US 2002018	US	20021205	22	S	

(12) **Patent Application Publication** (10) Pub. No.: US 2002/0183832 A1  
Penn et al. (43) Pub. Date: Dec. 5, 2002

(54) **EXPANDABLE STENT AND METHOD FOR DELIVERY OF SAME**

(30) **Foreign Application Priority Data**

(76) Inventors: Ian M. Penn, Vancouver (CA); Donald R. Riocl, Vancouver (CA)

Mar. 5, 1996 (CA) 2,171,047  
May 3, 1996 (CA) 2,175,722  
Sep. 17, 1996 (CA) 2,185,740  
Dec. 10, 1996 (CA) 2,192,520

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(21) Appl. No.: 10/191,522

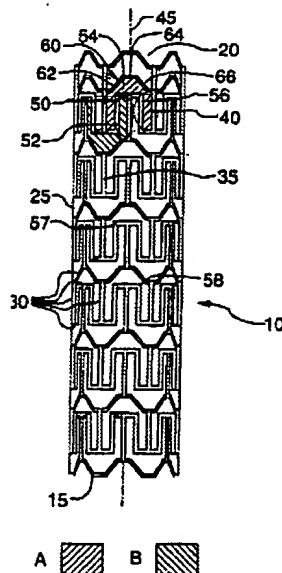
(57) **ABSTRACT**

(22) Filed: Jul. 10, 2002

**Related U.S. Application Data**

(63) Continuation of application No. 10/073,277, filed on Feb. 13, 2002, which is a continuation of application No. 09/572,767, filed on Sep. 29, 2000, now Pat. No. 6,375,677, which is a continuation of application No. 09/142,308, filed on Feb. 16, 1999, now Pat. No. 6,217,608, filed as 371 of international application No. PCT/CA97/00151, filed on Mar. 5, 1997.

Please insert the following Abstract as a separate page after the end of the Claims section: "An expandable stent comprising a proximal end and a distal end in communication with one another and a tubular wall disposed between the proximal end and the distal end. The tubular wall has a longitudinal axis and a porous surface defined by a plurality of intersecting members comprising a series of longitudinal struts disposed substantially parallel to the longitudinal axis of the stent. Each longitudinal strut in the series comprises flexure means for substantially



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49	US 2003002	US-	20030130	16	R	
50	US 6511505	USP	20030128	16	V	
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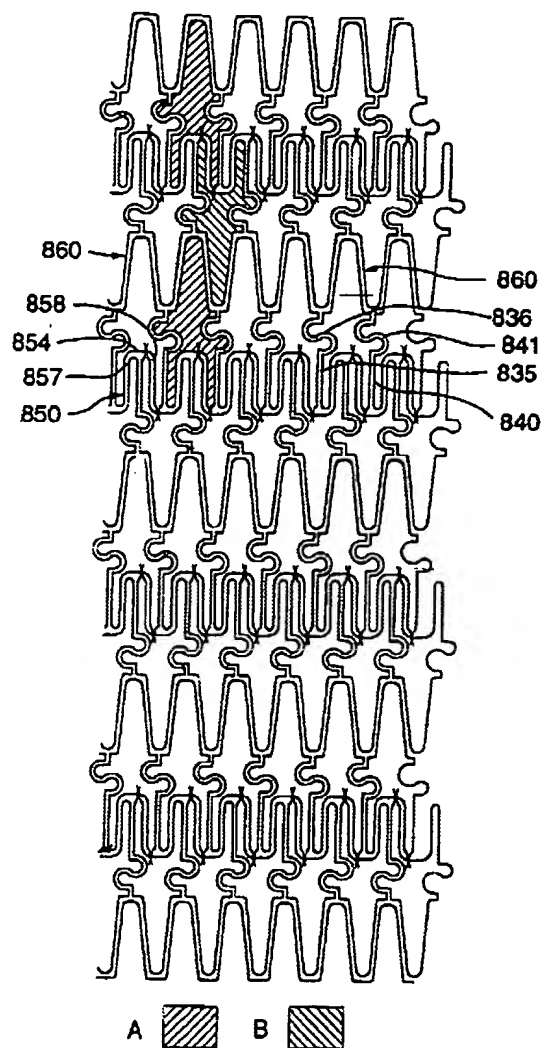


FIG. 9

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71	US 2002019	US-	20021226	16	S
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93	US 2002017	US-	20021128	6	L
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(12) **Patent Application Publication** (10) Pub. No.: **US 2002/0169500 A1**  
**Jang** (43) Pub. Date: **Nov. 14, 2002**

(54) **INTRAVASCULAR STENT**

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(21) Appl. No.: **10/123,889**

(22) Filed: **Apr. 15, 2002**

**Related U.S. Application Data**

(63) Continuation of application No. 09/839,442, filed on Apr. 20, 2001, now Pat. No. 6,409,761. Continuation of application No. 09/839,267, filed on Apr. 20, 2001, which is a continuation of application No. 09/237,537, filed on Jan. 26, 1999, now Pat. No. 6,235,053.

(60) Provisional application No. 60/017,484, filed on Apr. 23, 1996. Provisional application No. 60/073,412, filed on Feb. 2, 1996.

**Publication Classification**

(51) Int. Cl. **A61F 2/06**  
(52) U.S. Cl. **623/1.16; 623/1.3**

(57) **ABSTRACT**

A stent in a non-expanded state has a first column expansion strut pair. A plurality of the first column expansion strut pair form a first expansion column. A plurality of second column expansion strut pair form a second expansion column. A plurality of first serial connecting struts form a first connecting strut column that couples the first expansion column to the second expansion column. The first expansion column, the second expansion column, and the first connecting strut column form a plurality of geometric cells. At least a portion of the plurality are asymmetrical geometric cells.

